

**Work Order ID 68607**

Monday, April 18, 2011 1:10:39 PM



Page 1

Item ID: D3029-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Spring

Start Date: 4/18/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 4/22/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan: MMFDate: 11-04-18

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D3029

Rev A

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 13896

Possible supplier: Northern Aero Industries

Order P/N B83605-1

Material: Ø0.041" piano wire

Dimensions: Mean dia. = 0.625" Pitch = 0.20" Length = 1.20"

All dimensions are in inches

Tolerances are per Dart QSI 018 unless otherwise noted

CL 11/04/18 (10)

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

P 11/4/20 (10)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 68607

Monday, April 18, 2011 1:10:40 PM



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Item ID: D3029-1

Accept



Setup Start



Revision ID:

Item Name: Spring

Stop



Start Date: 4/18/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 4/22/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

8.11/05/12

710

130

Small Fab

0.00



Small Fab

Memo

0.00

Small Fab

Cut # 65 Ajax Spring in 1/2 as per Dwg D3029

= 7m. l

11/05/03

20X

140

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

SB 11/05/03

20

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 68607**

Monday, April 18, 2011 1:10:40 PM



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Item ID: D3029-1

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Setup Start



Revision ID:

Stop



Item Name: Spring

Start Date: 4/18/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 4/22/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

150

Identify as per dwg & Stock Location: GA

0.00



Packaging

Memo

0.00

Packaging

SB 11/05/03

20

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/5/39

11-05-3  
20

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng				Sign & Date

**NOTE:** Date & initial all entries

# Picklist Print

Monday, April 18, 2011 1:10:35 PM

Page 1

Work Order ID: 68607



Parent Item: D3029-1



Parent Item Name: Spring


Start Date: 4/18/2011

Required Date: 4/22/2011

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP: C05.03.10 Changed Supplier KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
B83605-1  LOCK		Purchased	No			110	Each	0.0000	1	10		4/18/2011	(10)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

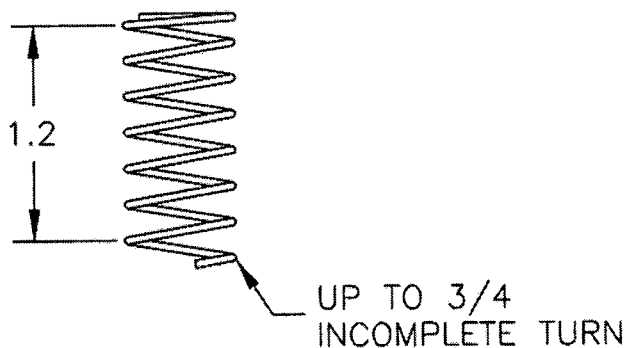




DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3029	REV. A SHEET 1 OF 1
DATE 01.05.18		TITLE SPRING	SCALE 1:1
A	01.05.18	NEW ISSUE	

#68607

## SPECIFICATION CONTROL DRAWING



D3029-1

- 1) DIMENSIONS: MEAN DIAMETER: 0.625  
PITCH: 0.20  
LENGTH: 1.2
- 2) MATERIAL:  $\emptyset$ 0.041 PIANO WIRE
- 3) POSSIBLE SUPPLIERS: NORTHERN AERO INDUSTRIES P/N B83605-1  
ADAMS SUPPLY LTD., 1/2 OF #65 AJAX SPRING
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASED  
01.05.18

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W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO13896**

Purchase Order Date 4/18/2011

PO Print Date 4/18/2011

Page Number 1 of 1

Order From :

VU-NOR003

NORTHERN AERO INDUSTRIES LTD.  
25 DUNLOP AVENUE  
WINNIPEG, MB R2X 2V2  
CA

Contact Name  
Vendor Phone 204-772-9922  
Vendor Fax 204772-7568  
Vendor Account Nbr

Buyer Chantal Lavoie  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency USD  
FOB Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*FOI 04/18/11*

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	B83605-1	LOCK	4/21/2011 Yes	<i>V</i> 10.00 Each	FedEx PI collect	\$6.0000	\$60.00
<i>Pen/p/50</i>							
Special Inst:			AS PER DWG D3029 REV. A B68607 NORTHERN AERO INDUS. P/N: B83605-1 MATERIAL: 0.041" PIANO WIRE DIMENSIONS: MEAN DIA. = 0.625" PITCH = 0.20" LENGTH = 1.20" ALL DIMENSION ARE IN INCHES				
2	B83603-1	Lock	4/21/2011 Yes	10.00 Each	FedEx PI collect	\$85.0000	\$850.00
Special Inst:			AS PER DWG D3030 REV. A B68608 NORTHERN AERO INDUS. P/N: B83603-1				

PO Total:

\$910.00

CERTIFICATE OF CONFORMITY  
REQD UPON DELIVERY

Change Nbr: 1

Change Date: 4/18/2011

*CL*  
*W*  
No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

**CERTIFICATE OF CONFORMITY**

Form Tracking No.24690-1		Work Order/Contract/Invoice PO: PO13896		Cage Code: MFR L0555		
Item 1	Description Spring	Part No. B83605-1		Quantity 10 ✓	Serial/Batch 11-1924	Status manufactured

Remarks:

THIS ITEM CONFORMS TO DESIGN DATA B83605 (REV. N/C).

New-Unused Parts/Material Certification

The items described above have been manufactured using standards employed by a TCCA approved manufacturer in accordance with CAR 561 and a AS9100 Quality Assurance System.

Signature

Name R. D. WILLIAMSON

Date (dd mmm yyyy)  
19-Apr-11

~~Used, Repaired or Overhauled Parts Certification~~

~~The items described above have been maintained using standards employed by a TCCA approved maintenance organization in accordance with CAR 573 and a AS9100 Quality Assurance System.~~

~~Signature~~

~~Name~~

~~Date (dd mmm yyyy)~~

User/Installer Responsibilities: This certificate does not constitute authority to install the item(s) described above on an in-service type certified aircraft.



# Packing Slip

**ACS-NAI Ltd.**

25 Dunlop Avenue  
R2X 2V2 Winnipeg  
Canada  
Tel : 204-772-9922  
Fax : 204-772-7568

Delivery No. : 1679  
Delivery Date : 04/19/2011  
SO No. : 24690  
Your Reference : PO: PO13896  
Delivery Method : FEDEX ACCT# 2351 4353 4  
Payment Condition : Net 30 Days

**Delivery to:** Dart Aerospace Ltd.

Attention: Chantal Lavoie  
1270 Aberdeen Street

Hawkesbury K6A 1K7  
Canada

Item	Description Batch Number	Total		Qty	
		Ordered	Unit	Delivered	Delivery Date
B83605-1	<u>SPRING</u> 11-1924	10	EA	10	04/29/2011
B83603-1	LOCK	10	EA	0	04/29/2011

Ship Via: FedEx P1 acct#  
Ordered By: Chantal Lavoie @ 613-632-9577

*Sulowitz*

Packages: 0

Gross Weight: 0.00

Net Weight:

**Ordered by:** Dart Aerospace Ltd.

Attention: Chantal Lavoie  
1270 Aberdeen Street  
Hawkesbury K6A 1K7  
Canada

**Invoice to:** Dart Aerospace Ltd.

Attention: Accounts  
1270 Aberdeen Street  
Hawkesbury K6A 1K7  
Canada

0.00

**Remarks****Certification Statement**

I hereby certify that the aircraft part(s) described hereon were acquired from a source of supply that is consistent with the conditions under which TCCA distributor approval AMO88-97 has been granted.

\_\_\_\_\_  
Signatory

\_\_\_\_\_  
Date: